

Model 382 (With RC25)

Slush Freezer

Operator's Manual

053105-M



10/98

Complete this page for quick reference when service is required:

Taylor Distributor: _____

Address: _____

Phone: _____

Service:

Parts:

Date of Installation:

Information found on the 382 data label:

Model Number:

Serial Number:

Electrical Specs: Voltage _____ Cycle _____
Phase _____

Maximum Fuse Size: **Amps**

Minimum Wire Ampacity: _____ Amps

Part Number:

Information found on RC25 data label:

Model Number:

Serial Number:

Electrical Specs: Voltage _____ Cycle _____
Phase _____

Maximum Fuse Size: **Amps**

Minimum Wire Ampacity: _____ Amps

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053105-M



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Taylor Company
750 N. Blackhawk Blvd.
Rockton, IL 61072

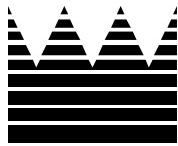


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Note: Continuing research results in steady improvements; therefore, information in this manual is subject to change without notice.

Section 1

To the Installer

This machine is designed for indoor use only.



DO NOT install the machine in an area where a water jet could be used to clean or rinse the machine. Failure to follow this instruction may result in serious electrical shock.

Installation Instructions

Preparation

Uncrate the condensing and dispensing units. After inspecting both units for damage, position them in the desired locations.

Electrical Connections

Individual power supplies are required for each unit. Check the data label on each unit for fuse, circuit ampacity, and electrical specifications. For proper power connections, refer to the wiring diagram provided inside of the electrical box.

In the United States, this equipment is intended to be installed in accordance with the National Electrical Code (NEC), ANSI/NFPA 70-1987. The purpose of the NEC code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This code contains provisions considered necessary for safety. Compliance therewith and proper maintenance will result in an installation essentially free from hazard!

In all other areas of the world, equipment should be installed in accordance with the existing local codes. Please contact your local authorities.

Stationary appliances which are not equipped with a power cord and a plug or other device to disconnect the appliance from the power source must have an all-pole disconnecting device with a contact gap of at least 3 mm installed in the external installation.



CAUTION: THIS EQUIPMENT MUST BE PROPERLY GROUNDED! FAILURE TO DO SO CAN RESULT IN SEVERE PERSONAL INJURY FROM ELECTRICAL SHOCK!

Beater rotation must be counterclockwise as viewed looking into the freezing cylinder of the Model 382 dispenser.



NOTE: The following procedures should be performed by a trained service technician.

To correct rotation on a three-phase unit, exchange any two incoming power supply lines at the freezer main terminal block only.

To correct rotation on a single-phase unit, exchange the leads inside the beater motor. (Follow the diagram printed on the motor.)

Electrical connections are made directly to the splice box. The splice box is located behind the back panel.

IMPORTANT

**Beater rotation on the 380 Series
differs from other Taylor equipment.**

Refrigeration Charging and Line Construction

The dispensing unit is shipped with a refrigerant holding charge that is sufficient enough to prevent moisture contamination (8 oz./227 g. HP62). This holding charge will become part of the total system charge.

The condensing unit is shipped with the total amount of refrigerant required for a typical installation of 75 ft. or less with a single dispenser. For other installation configurations, use the following chart for line sizing and for adding required refrigerant.

Recommended System Refrigerant Charge

Domestic

Suction Line Length	Dispenser	Required Charge
Less than 75 ft.	Single	10 lb.
More than 75 ft.	Single	12 lb. (add 2 lb.)
Less than 75 ft.	Dual	13 lb. (add 3 lb.)
More than 75 ft.	Dual	15 lb. (add 5 lb.)

International

Suction Line Length	Dispenser	Required Charge
Less than 22.8 m	Single	4.5 kg
More than 22.8 m	Single	5.4 kg (add 0.91 kg)
Less than 22.8 m	Dual	5.9 kg (add 1.4 kg)
More than 22.8 m	Dual	6.8 kg (add 2.3 kg)

Note: Maximum line length is 150 ft. (45.7 m).

Note: To meet individual installation requirements, lines must be purchased and constructed locally.

Line Size

Liquid Line - Single or dual dispensers require 3/8" refrigerant grade copper tubing (hard or soft).

Note: Insulating the liquid line is recommended if it is exposed to high ambient conditions. This will reduce heat accumulation and prevent the formation of flash gas in the liquid line.

Single Dispensing Installations

Suction Line - Less than 75 ft. (22.8 m) total line length requires 5/8" refrigerant grade copper tubing (hard or soft). Maximum 5/8" tubing length is 75 ft. (22.8 m).

Note: Suction lines must be insulated.

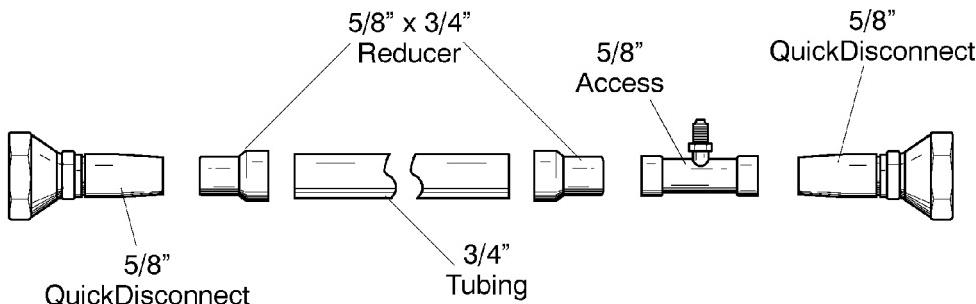
Suction Line - More than 75 ft. (22.8 m) total line length requires 3/4" refrigerant grade copper tubing (hard or soft). Maximum tubing length is 150 ft. (45.7 m).

Dual Dispensing Installations (One Condenser, Two Dispensers)

Individual Suction Line - Requires 5/8" refrigeration grade copper tubing (hard or soft) from each dispenser to the common suction tube.

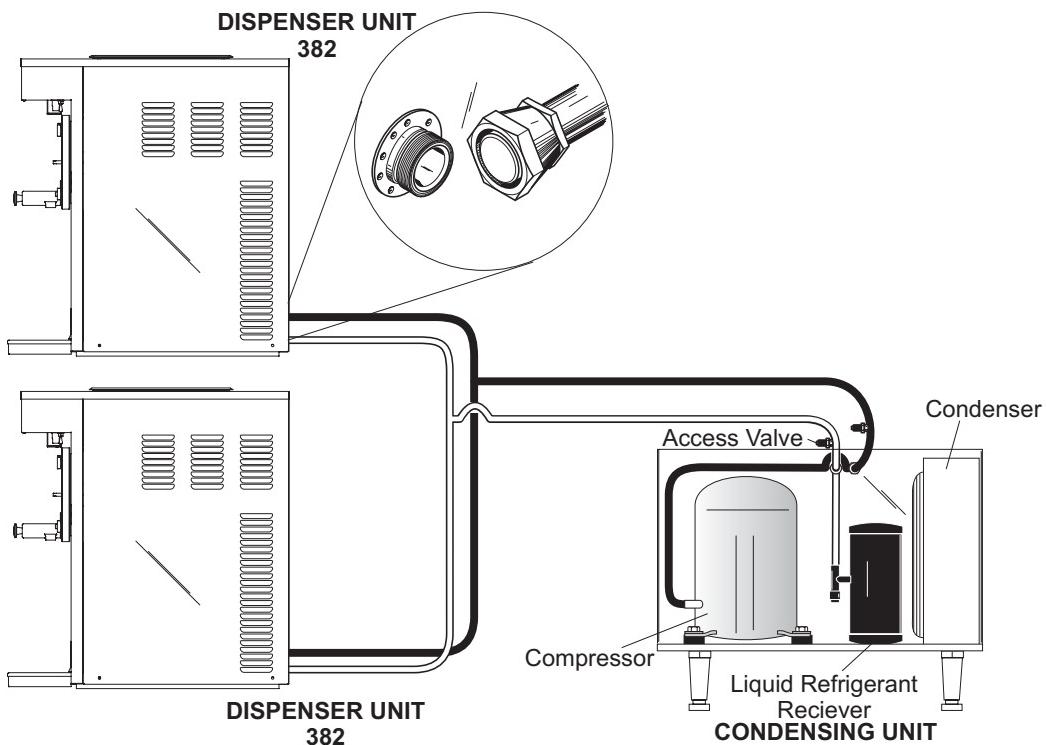
Common Suction Line - Requires 3/4" refrigeration grade copper tubing.

Note: Lines must be insulated and requires a 5/8" x 3/4" reducer fitting at the quick disconnect connections. See Figure 1 below.



Note: Use 5/8" wire to attach the quick disconnects to the other components.

Figure 1



Note: 5/8" individual line lengths are not to exceed 75 ft. (22.8 m) maximum length each. Total line length is not to exceed 150 ft. (45.7 m). 5/8" line + 5/8" line + 3/4" line = 150 ft. or less.

Figure 2

Installation

Step 1

Install refrigeration lines from the dispenser to the condensing unit. Do not create oil traps.

Note: For proper oil return, installation of horizontal suction lines are to be sloped downward in the direction of the condensing unit. The slope must be a minimum 1/4" (6.4 mm) angle per 10 ft. (30.48 mm) of line length.

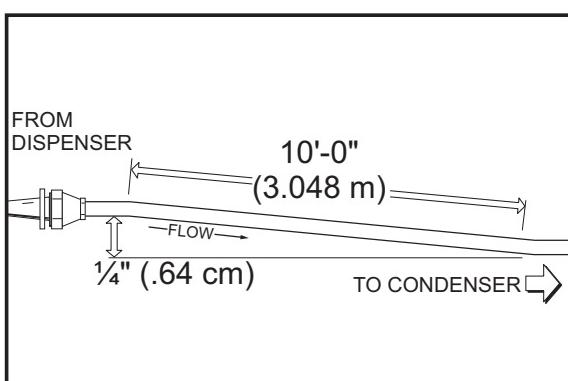


Figure 3

Normally, any straight run of tubing must be supported near each end of the run. Long runs require additional supports. As a guide, 3/8" to 3/4" copper should be supported every 5 ft. (1.5 m). When changing directions, no corner should be left unsupported. Supports should be placed a maximum of 2 ft. (.61 m) in each direction from the corner. If soft copper tube is used, make sure it is not kinked or flattened. If hard drawn copper tubing is used, use only long radius elbows.

Step 2

Braze the supplied quick connect/disconnect couplings on the dispenser end of the refrigeration lines. Couplings are supplied with the dispenser.

Step 3

Braze the quick connect/disconnect couplings and access tees on the condensing unit end of the refrigeration lines. Couplings and access tees are supplied with the unit.

Note: Wrap a wet cloth around the brass coupling bodies to prevent heat damage to the seal.

Step 4

Test the field constructed lines for leaks.

Step 5

Evacuate the field constructed refrigerant lines using the access fittings brazed on the condensing end of the refrigeration lines.

Step 6

When the evacuation process is complete, relieve the vacuum with 4 oz. (113 g.) of HP62 refrigerant per line, for a total of 8 oz. (227 g.) This procedure will prevent moisture contamination during dispenser and condensing unit connection and complete the total charge.

Refrigeration Connections

Connect the refrigerant line quick connect/disconnect couplings to the mating quick connect/disconnect couplings on the dispensing and condensing unit.

Step 1

Remove the shipping caps from the quick connect/disconnect coupling on the dispensing unit.

Step 2

Thoroughly clean and lubricate the mating surfaces of the quick connect/disconnects.

Note: Use polyolester oil to lubricate the surfaces.

Step 3

Manually thread the coupling halves together to insure proper mating of the threads.

Step 4

Using proper sized wrenches, tighten the coupling halves until the round, flat surfaces of inner coupling bodies completely depress one another.

Step 5

Once the flat surfaces are completely depressed, tighten the couplings an additional 1/4 turn. This step is necessary to insure that the knife edge of the seal seats into the brass seat of the coupling halves, forming a leak-proof joint (metal seal).

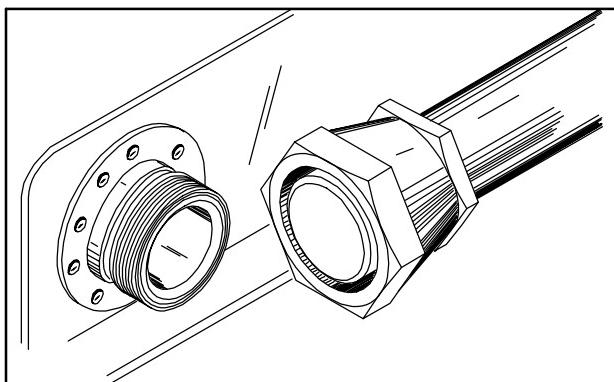


Figure 4

Step 6

Check all connections for leaks.

Step 7

Insulate all exposed suction line tubing and fittings.

Step 8

Set the pump down switch located in the condensing unit. For indoor condensing unit application:

Set cut in at 30 PSIG (207 kPa).

Set cut out at 5 PSIG (34 kPa).

For outdoor condensing unit application:

Set cut in at 20 PSIG (138 kPa).

Set cut out at 0 PSIG (0 kPa).

Pump down pressure readings are to be taken at the refrigeration line access fittings at the condensing unit.

Step 9

Allow the dispenser to run until the condensing unit cycles off. Verify the proper pump down pressure switch setting. See Step 8 of "Refrigeration Connections" (page 4).

Note: Pump down pressure readings are to be taken at the refrigeration line access fittings near the condensing unit.

Step 10

If necessary, adjust viscosity to produce satisfactory product. Adjustments are made by turning the viscosity adjustment screw (located under the control panel) clockwise for a thicker product or counterclockwise for a thinner product.

Set Up Procedures

Standard Fill Module

Step 1

Connect the product supply line to the 1/4" barbed fitting on the fill solenoid. Adjust the fill system pressure to deliver product to the hopper at approximately 15 to 20 PSIG (103-138 kPa).

Step 2

Lubricate, assemble, sanitize and prime the dispenser as outlined in the Assembly section of this manual.

Step 3

Place the power switch in the "AUTO" position.

Note: The fill switch must be in the "ON" position to enable refrigeration.

Section 2

To the Operator

The freezer you have purchased has been carefully engineered and manufactured to give you dependable operation. The Taylor equipment, when properly operated and cared for, will produce a consistent quality product. Like all mechanical products, this machine will require cleaning and maintenance. A minimum amount of care and attention is necessary if the operating procedures outlined in this manual are followed closely.

This Operator's Manual should be read before operating or performing any maintenance on your equipment.

Your Model 382 will NOT eventually compensate and correct for any errors during the set-up or filling operations. Thus, the initial assembly and priming procedures are of extreme importance. It is strongly recommended that all personnel responsible for the equipment's operation thoroughly read this manual.

If you require technical assistance, please contact your local authorized Taylor Distributor.



If the crossed out wheeled bin symbol is affixed to this product, it signifies that this product is compliant with the EU Directive as well as other similar legislation in effect after August 13, 2005. Therefore, it must be collected separately after its use is completed, and cannot be disposed as unsorted municipal waste.

The user is responsible for returning the product to the appropriate collection facility, as specified by your local code.

For additional information regarding applicable local laws, please contact the municipal facility and/or local distributor.

Compressor Warranty Disclaimer

The refrigeration compressor(s) on this machine are warranted for the term indicated on the warranty card accompanying this machine. However, due to the Montreal Protocol and the U.S. Clean Air Act Amendments of 1990, many new refrigerants are being tested and developed, thus seeking their way into the service industry. Some of these new refrigerants are being advertised as drop-in replacements for numerous applications. It should be noted that, in the event of ordinary service to this machine's refrigeration system, **only the refrigerant specified on the affixed data label should be used**. The unauthorized use of alternate refrigerants will void your compressor warranty. It will be the owner's responsibility to make this fact known to any technician he employs.

It should also be noted that Taylor does not warrant the refrigerant used in its equipment. For example, if the refrigerant is lost during the course of ordinary service to this machine, Taylor has no obligation to either supply or provide its replacement either at billable or unbillable terms. Taylor does have the obligation to recommend a suitable replacement if the original refrigerant is banned, obsoleted, or no longer available during the five year warranty of the compressor.

The Taylor Company will continue to monitor the industry and test new alternates as they are being developed. Should a new alternate prove, through our testing, that it would be accepted as a drop-in replacement, then the above disclaimer would become null and void. To find out the current status of an alternate refrigerant as it relates to your compressor warranty, call the local Taylor Distributor or the Taylor Factory. Be prepared to provide the Model/Serial Number of the unit in question.

Section 3

Safety

We at Taylor Company are concerned about the safety of the operator when he or she comes in contact with the freezer and its parts. Taylor has gone to extreme efforts to design and manufacture built-in safety features to protect both you and the service technician. As an example, warning labels have been attached to the freezer to further point out safety precautions to the operator.

IMPORTANT - Failure to adhere to the following safety precautions may result in severe personal injury. Failure to comply with these warnings may damage the machine and its components. Component damage will result in part replacement expense and service repair expense.

To Operate Safely:



DO NOT operate the freezer without reading this operator's manual. Failure to follow this instruction may result in equipment damage, poor freezer performance, health hazards, or personal injury.



- **DO NOT** operate the freezer unless it is properly grounded.
- **DO NOT** attempt any repairs unless the main power supply to the freezer has been disconnected.
- **DO NOT** operate the freezer with larger fuses than specified on the freezer data label.

Failure to follow these instructions may result in electrocution or damage to the machine. Contact your local authorized Taylor Distributor for service.



DO NOT use a water jet to clean or rinse the freezer. Failure to follow this instruction may result in serious electrical shock.



- **DO NOT** allow untrained personnel to operate this machine.
- **DO NOT** operate the freezer unless all service panels and access doors are restrained with screws.
- **DO NOT** remove the door, beater, scraper blades, drive shaft, or torque rotor shaft unless the power switch is in the OFF position.
- **DO NOT** put objects or fingers in the door spout.

Failure to follow these instructions may result in contaminated product or severe personal injury to fingers or hands from hazardous moving parts.



USE EXTREME CAUTION when removing the beater assembly. The scraper blades are very sharp and may cause injury.



This freezer must be placed on a level surface. Failure to comply may result in personal injury or equipment damage.

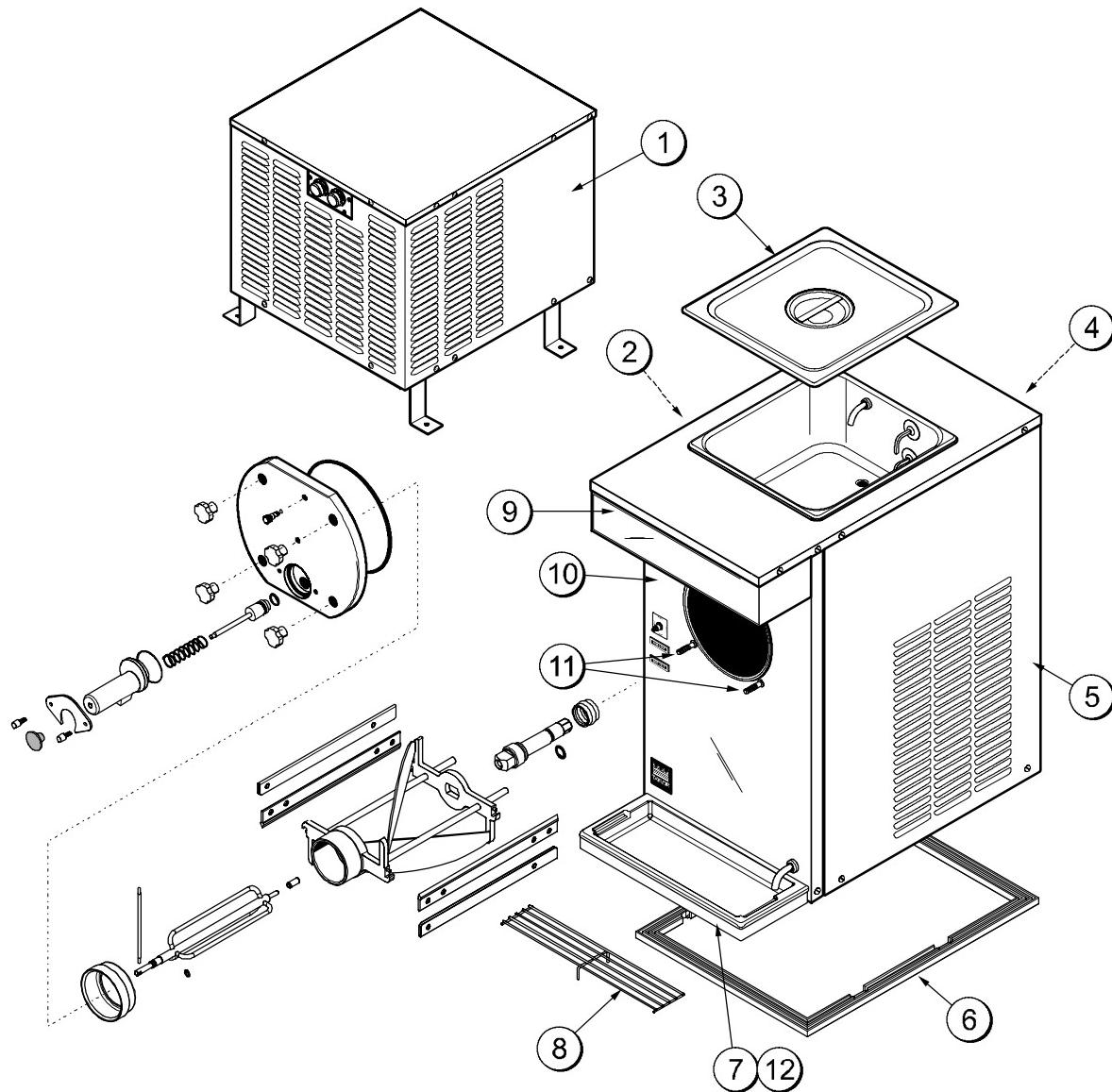
DO NOT obstruct air intake and discharge openings: 6" (152 mm) minimum air space on sides and rear, 7-1/2" (191 mm) minimum on bottom. Failure to follow this instruction may cause poor freezer performance and damage to the machine.

This freezer is designed to operate indoors, under normal ambient temperatures of 70°–75°F (21°–24°C). The freezer has successfully performed in high ambient temperatures of 104°F (40°C) at reduced capacities.

NOISE LEVEL: Airborne noise emission does not exceed 78 dB(A) when measured at a distance of 1.0 meter from the surface of the machine and at a height of 1.6 meters from the floor.

Section 4

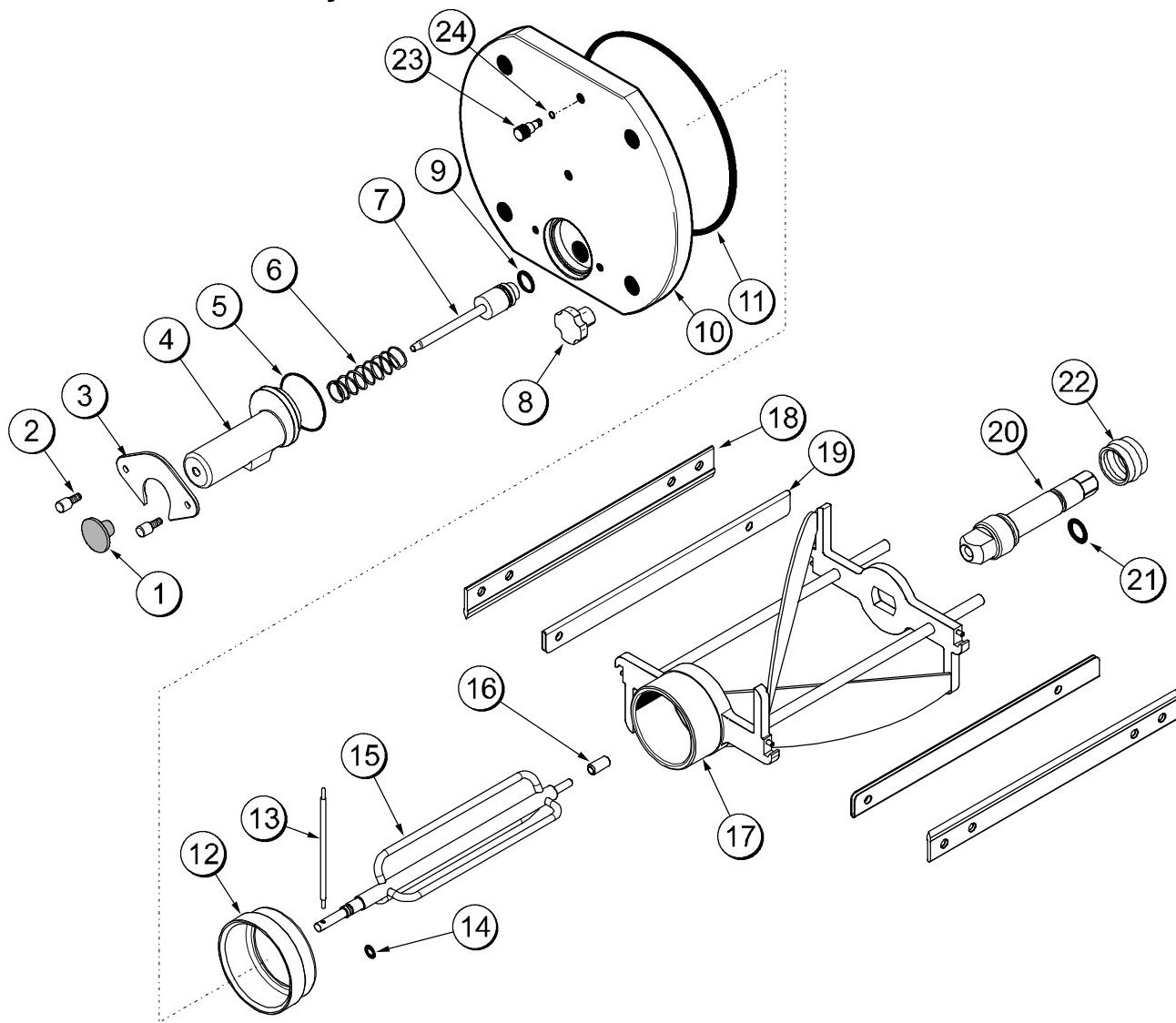
Operator Parts Identification



Item	Description	Part No.
1	REMOTE CONDENSING UNIT	RC 25
2	PANEL-SIDE LEFT	052117
3	COVER-HOPPER-12 QT	045416
4	PANEL A.-REAR	X52115
5	PANEL-SIDE RIGHT	051713
6	GASKET-BASE PAN	051868
7	TRAY A.-DRIP	X46848

Item	Description	Part No.
8	SHIELD-SPLASH	046851
9	DECAL-DEC-380-FLAVOR SET OF 4	050703
	DECAL-DEC-TAYLOR	045967
10	PANEL-FRONT	051090
11	STUD-FREEZER DOOR	051950
12	SHELF-DRIP TRAY	052065

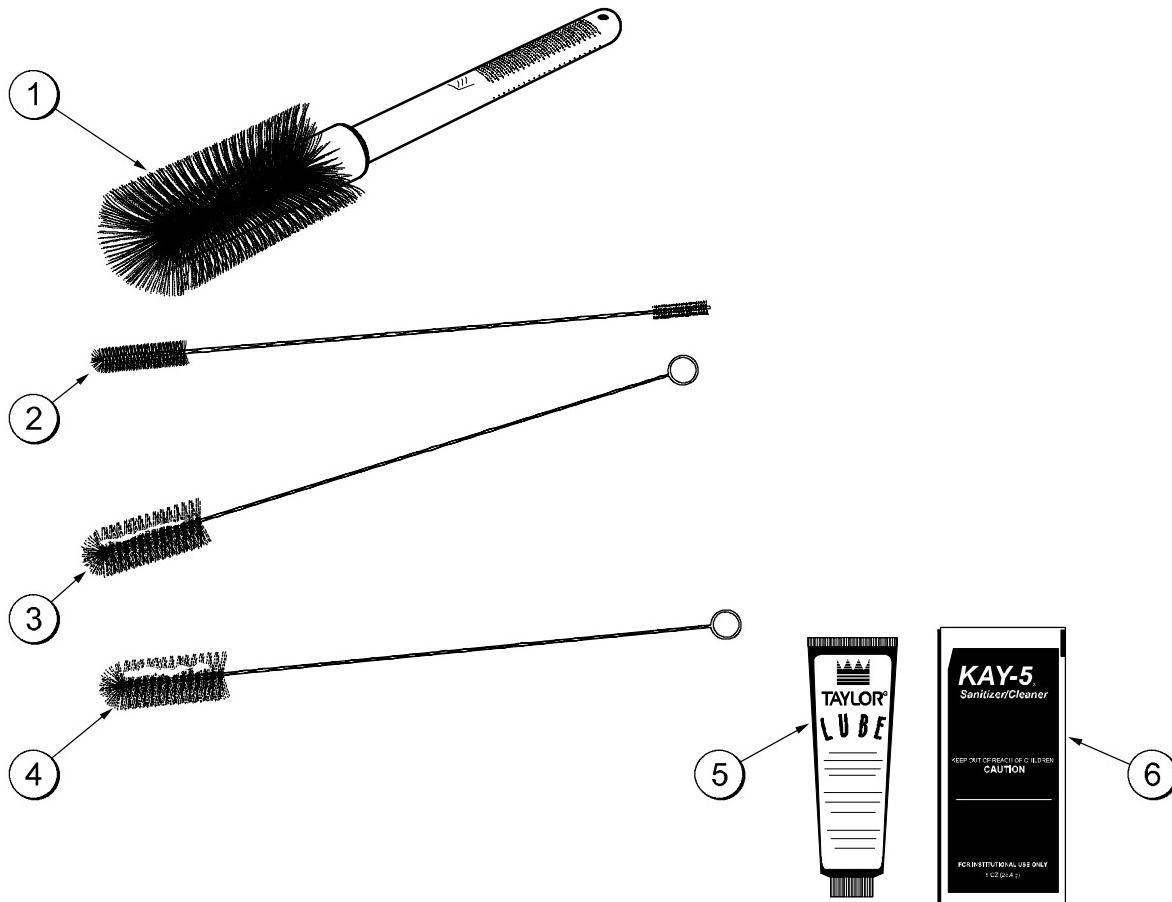
Beater Door Assembly



Item	Description	Part No.
1	KNOB-DRAW VALVE-BLACK	047358
2	SCREW-1/4-20X9/16 THUMB-300	047632
3	PLATE-DRAW SPOUT MOUNT	049275
4	SPOUT-DOOR ZERO WASTE	049276-BLA
5	O-RING-2.375 OD X 1/16W	046830
6	SPRING-COMP.845X.055X3.5	047357
7	VALVE-DRAW	047353
8	STUD-NUT (HANDSCREW)	045644
9	O-RING-7/8 OD X .103W	014402
10	DOOR A.-PARTIAL	X51098
11	O-RING-8-3/8 ODX.105W	027814
12	BEARING-FRONT-TORQUE	052005

Item	Description	Part No.
13	ARM-TORQUE	014500
14	O-RING-.291 ID X .080W	018550
15	TORQUE A.	X51081
16	BEARING-GUIDE	014496
17	BEATER A.-TORQUE	X51105
18	BLADE-SCRAPER	051088
19	CLIP-SCRAPER BLADE	051978
20	SHAFT-BEATER	049270
21	O-RING-7/8 OD X .139W	025307
22	SEAL-DRIVE SHAFT	032560
23	PLUG-PRIME *380/1*	046833
24	O-RING-9/32 OD X 1/16 WALL	029751

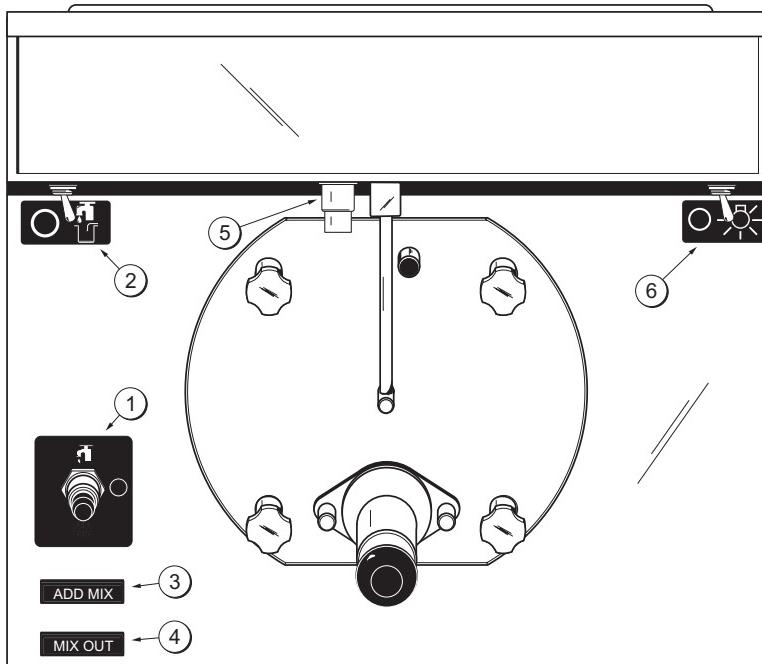
Accessories



Item	Description	Part No.
1	BRUSH-MIX PUMP BODY-3"X7"	023316
2	BRUSH-DRAW VALVE 1"X2"X17"	013073
3	BRUSH-DOUBLE ENDED	013072
4	BRUSH-REAR BRG 1IN.DX2IN.L	013071
5	LUBRICANT-TAYLOR HI PERF-4	048232
6	SANITIZER KAY-5® (CASE OF 125 PACKETS)	041082

Section 5

Important: To the Operator



Item	Description
1	Control Switch
2	Fill Switch
3	Add Mix Light
4	Mix Out Light
5	Viscosity Control
6	Display Light Switch (Optional)

Symbol Legend

 = The "ON/AUTO" symbol.

 = The "OFF" symbol.

 = The "WASH" symbol.

 = The "ADD MIX" symbol.

 = The "MIX OUT" symbol.

Control Switch (Item 1)

The control switch is located on the front of the machine. The center position is "OFF". The up position is the "WASH" mode and activates the beater motor only. The down position is the "AUTO" mode. The "AUTO" mode activates the beater motor and enables refrigeration when the fill switch is in the "ON" position.

Fill Switch (Item 2)

The fill switch is located under the control channel. The “ON” position enables refrigeration when the control switch is in the “AUTO” position. The “ON” position enables the fill system to replenish and maintain product levels in the freezing cylinder and in the hopper. The “OFF” position terminates the fill function. The refrigeration system is disabled when the fill switch is in the “OFF” position.

Add Mix Light (Item 3)

An “ADD MIX” indicating light is located on the front panel. When the light is lit, it indicates that the mix supply in the hopper is low and must be replenished.

Mix Out Light (Item 4)

A “MIX OUT” indicating light is located on the front panel. When the light is lit, it indicates that the hopper is empty and the mix supply must be replenished. When the indicator lights, refrigeration is automatically disabled to prevent component damage. The beater motor continues to run.

Viscosity Control (Item 5)

The viscosity adjustment screw is located under the control channel. The viscosity (thickness) of the slush can be adjusted by turning the adjustment screw clockwise for a thicker product or counterclockwise for a thinner product.

Standby Switch (Optional)

The standby switch is located under the control channel. To maintain a refrigerated product during long no sale periods, the standby mode will maintain the product at approximately 38°F to 40 °F (3.3°C to 4.4°C).

To operate the standby mode, place the power switch in the “AUTO” position. Place the fill switch in the “FILL” position and the standby switch in the “STANDBY” position.

To resume normal operation, leave the power switch in the “AUTO” position and the fill switch in the “FILL” position. Move the standby switch to the “OFF” position.

Display Light Switch (Item 6) (Optional)

The display light switch is located under the control channel. The left position is “OFF”. The right position is “ON”, and activates the display light.

Push-Button Switch

If an overload condition occurs, the freezer will automatically stop operating. To properly reset the freezer, place the toggle switch in the “OFF” position. Wait two or three minutes; then press the push-button switch. Place the power switch in the “WASH” position and observe the freezer’s performance; place the power switch in the “AUTO” position.

Note: If the freezer is unplugged from the wall receptacle, it will be necessary to press the push-button switch for the freezer to operate once power is re-established.

Section 6

Operating Procedures

We begin our instructions at the point where the parts are disassembled and laid out to dry from the previous night's cleaning.

The following procedures will explain how to assemble the parts into the freezer, sanitize them, and prime the freezer with fresh product.

If you are disassembling the machine for the first time or need information to get to this starting point in our instructions, turn to "Disassembly" on page 20, and start there.

Assembly



MAKE SURE THE CONTROL SWITCH IS IN THE "OFF" POSITION. Failure to do so may result in personal injury or component damage.

Note: When lubricating parts, use an approved food grade lubricant (example: Taylor Lube HP). Every three months discard rubber parts and install new rubber parts.

Step 1

Install the beater drive shaft. Lubricate the groove and shaft portion that comes in contact with the rear shell bearing on the beater drive shaft. **DO NOT** lubricate the hex end of the drive shaft.

Slide the seals over the shaft until they snap into their grooves. Fill the inside portion of the seal with lubricant and evenly lubricate the flat side of the seal that fits onto the rear shell bearing.

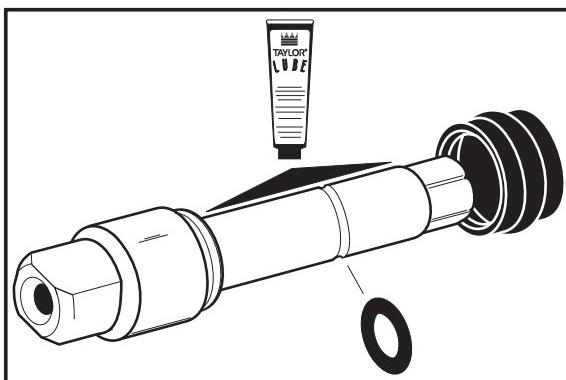


Figure 5

Install the drive shaft into the freezing cylinder, hex end first. The drive shaft seal must fit securely over the rear shell bearing. Be certain the drive shaft fits into the drive coupling without binding.

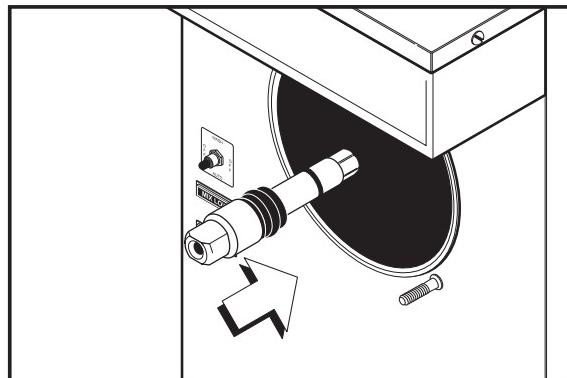


Figure 6

Step 2

Install the beater assembly. First check scraper blades for any nicks or signs of wear. If any nicks are present or if the blades are worn, replace the blades.

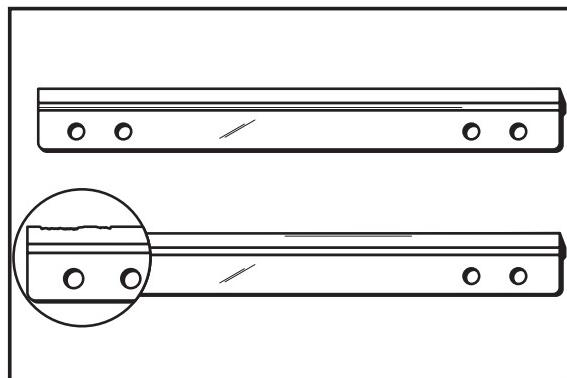


Figure 7

If the blades are in good condition, assemble the clips on the blades. Install one scraper blade and clip over the two holding pins on one side of the beater. Holding the blade and clip on the beater, turn the assembly over and install the second scraper blade and clip.

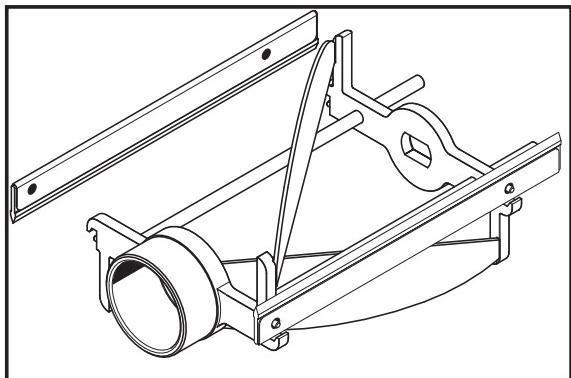


Figure 8

Holding the blades in position, insert the beater assembly into the freezing cylinder, and slide the assembly into position over the drive shaft. Turn the beater slightly to be certain that the beater is properly seated.

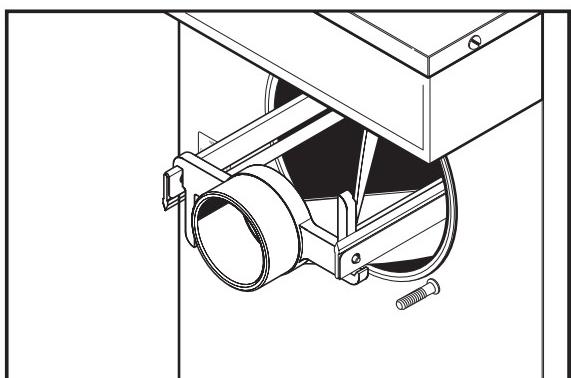


Figure 9

When in position, the beater bearing hub will protrude beyond the front of the freezing cylinder about 1/4 inch (.635 cm.).

Step 3

Install the torque rotor. Install the plastic guide bearing on the short end of the torque rotor. Slide the o-ring into the groove on the long end of the torque rotor and lubricate the o-ring. **Do not** lubricate the guide bearing.

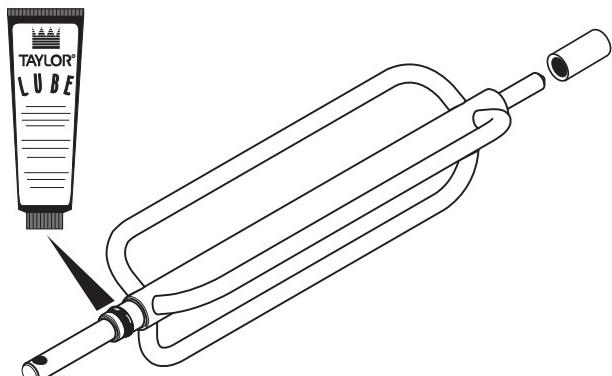


Figure 10

Insert the torque rotor (guide bearing end first) into the pilot hole in the center of the drive shaft. The hole in the torque rotor shaft should be rotated to the 12 o'clock position.

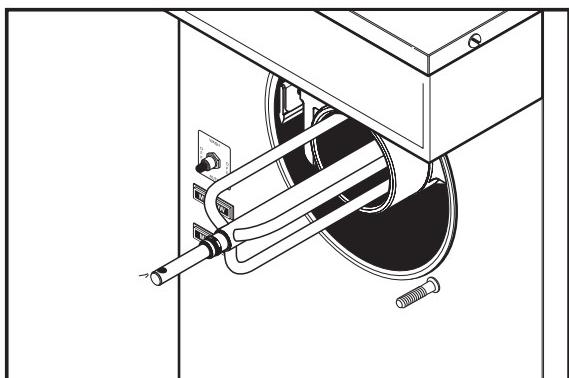


Figure 11

Step 4

Install the freezer door. Slide the draw valve o-ring into the groove on the draw valve and lubricate the o-ring.

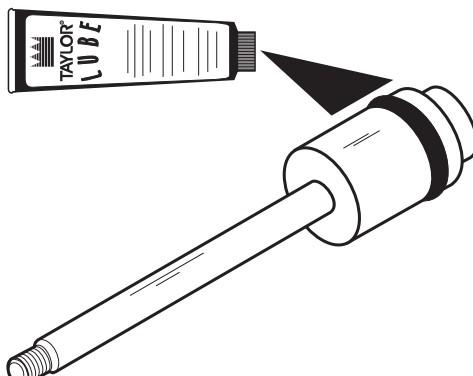


Figure 12

Place the draw valve spring over the shaft end on the draw valve.

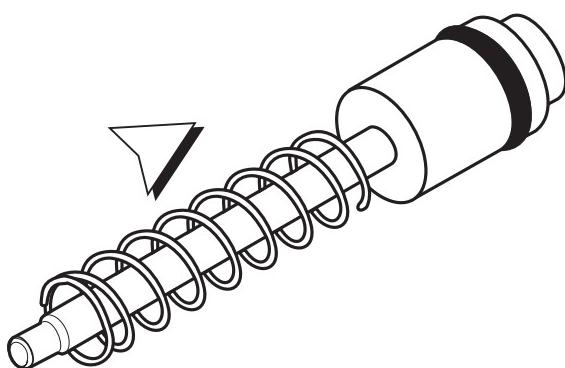


Figure 13

Insert the draw valve and spring into the door spout until the threaded end of the shaft passes through the hole in the end of the door spout. Thread the draw valve knob onto the end of the draw valve shaft.

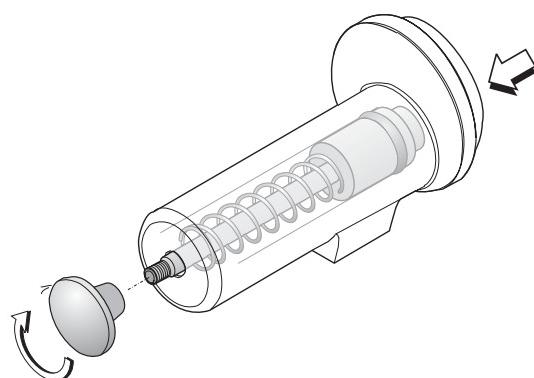


Figure 14

Place the door spout seal o-ring into the groove in the door and lubricate the components.

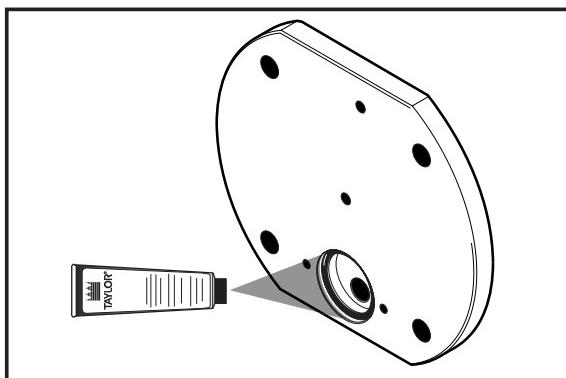


Figure 15

Align the draw spout assembly with the door. Place the draw spout mounting plate over the draw spout assembly and align the holes.

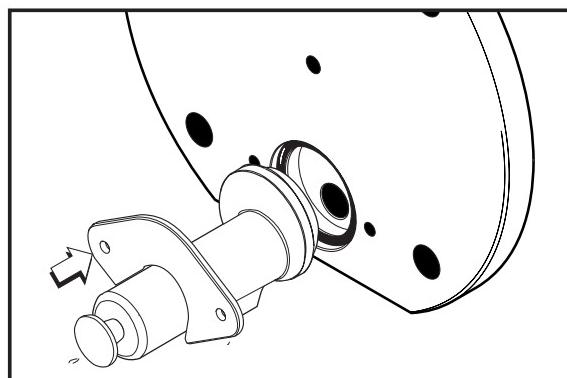


Figure 16

Using the thumb screws, fasten the draw spout assembly and draw spout mounting plate to the door.

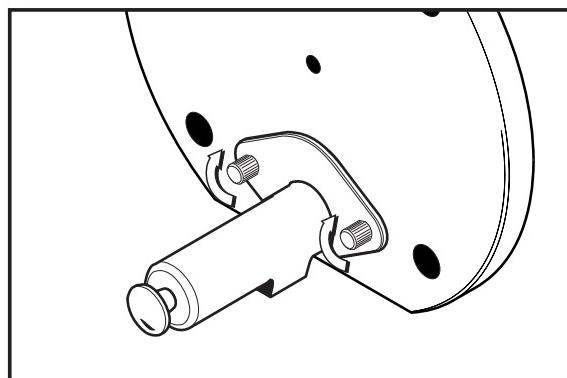


Figure 17

Slide the o-ring into the groove on the prime plug. Apply an even coat of lubricant to the o-ring and shaft.

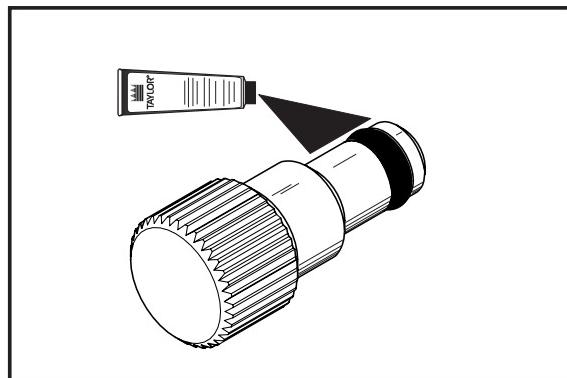


Figure 18

Install the prime plug into the bleed port in the top of the freezer door. Do not over-tighten the prime plug.

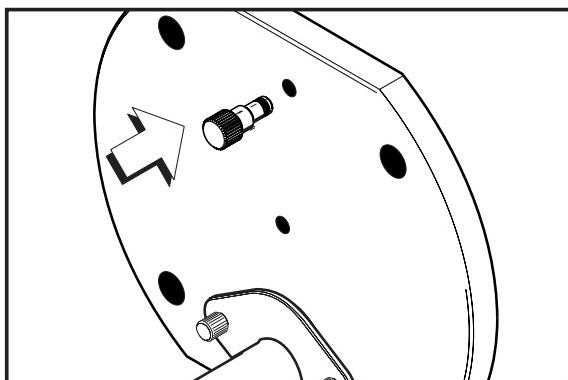


Figure 19

Place the large o-ring into the groove on the back side of the door and lubricate the installed o-ring.

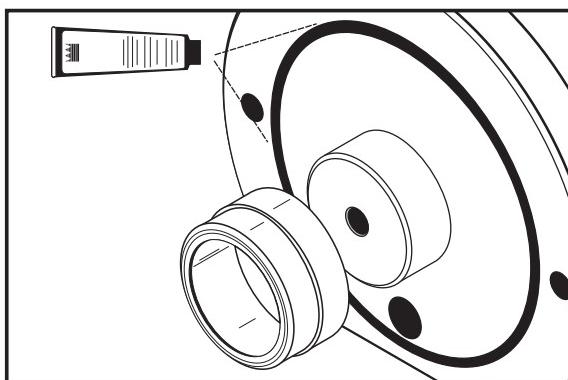


Figure 20

Place the door bearing into the back side of the door.

Note: Do not lubricate the door bearing.

Step 5

Install the freezer door. Align the torque rotor into the center of the door and position the door on the four studs on the front of the freezing cylinder. Firmly push the door into place.

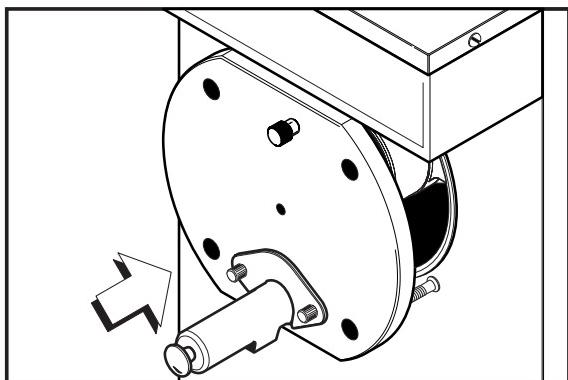


Figure 21

Step 6

Install the four handscrews on the studs. Finger-tighten the screws equally in a crisscross pattern to insure that the door is snug. Do not over-tighten the handscrews.

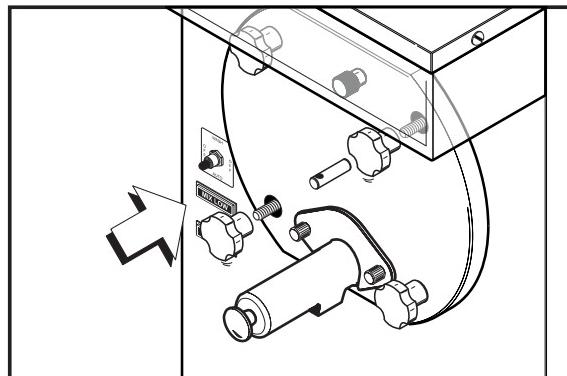


Figure 22

Step 7

Install the torque arm. Position the torque arm by inserting it through the slot in the torque switch arm and down into the hole in the torque rotor which protrudes from the door. Verify proper installation by moving the torque rotor back and forth to be sure it moves freely and easily.

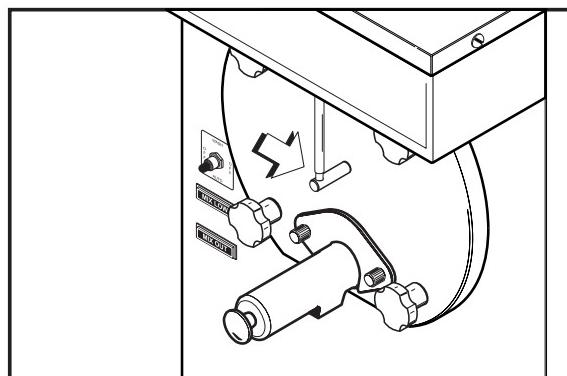


Figure 23

Step 8

Install the front drip tray and the splash shield under the door spout.

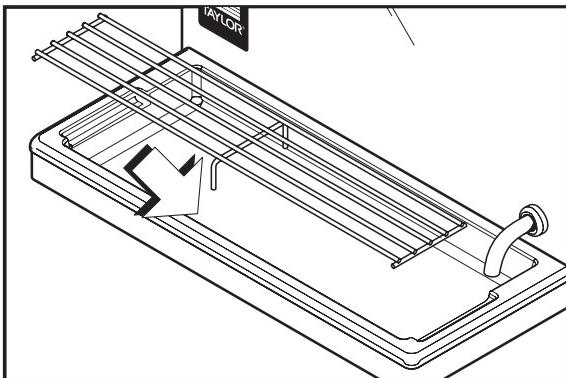


Figure 24

Sanitizing

Step 1

Fill System. Disconnect the product supply lines from the mix delivery container. Prepare two gallons (7.6 liters) of an approved 100 PPM sanitizing solution (Example: Kay-5™). USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS. Pour the solution into a clean, empty mix delivery container.

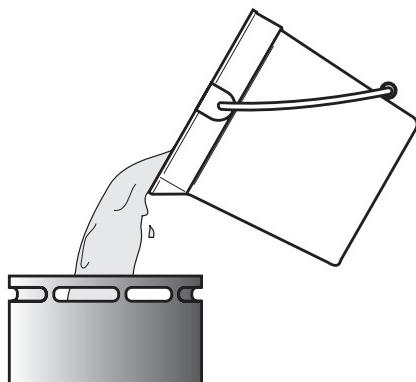


Figure 25

Step 2

Connect the container to the mix delivery line.

Place the control switch in the "WASH" position. Place the fill switch in the "ON" position. This will activate the mix solenoid. The mix solenoid will remain open until the mix level probe is satisfied. Drain sanitizer from the freezing cylinder and repeat this procedure until the solution is dispensed from the mix delivery container.

Make sure all sanitizer is removed from the fill system. Place the fill switch in the "OFF" position.

Drain any remaining solution from the freezing cylinder.

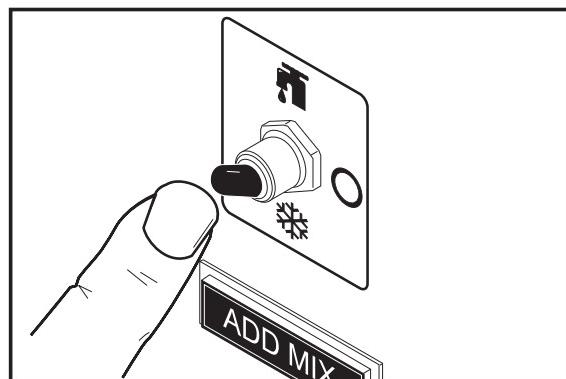


Figure 26

Step 3

While the solution is flowing through the system, brush clean the mix hopper, the mix inlet hole, and the mix level sensing probe.

Step 4

Remove the prime plug and allow all of the solution to flow into the freezing cylinder. Replace the prime plug.

Step 5

Place the control switch in the "WASH" position. This will cause the sanitizing solution in the freezing cylinder to be agitated. Allow the solution to agitate for five minutes.

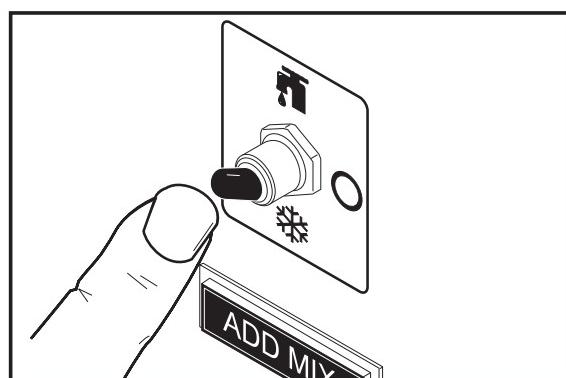


Figure 27

Step 6

Place the control switch in the “OFF” position. Place an empty mix pail beneath the door spout. Open the draw valve and draw off all of the sanitizing solution. When the sanitizer stops flowing from the door spout, close the draw valve.

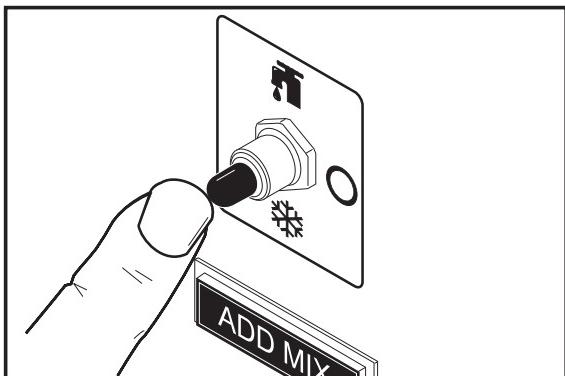


Figure 28

strength product is flowing from the door spout, close the draw valve. Allow the mix hopper to fill until the product rises to the bleed port. Replace the prime plug.

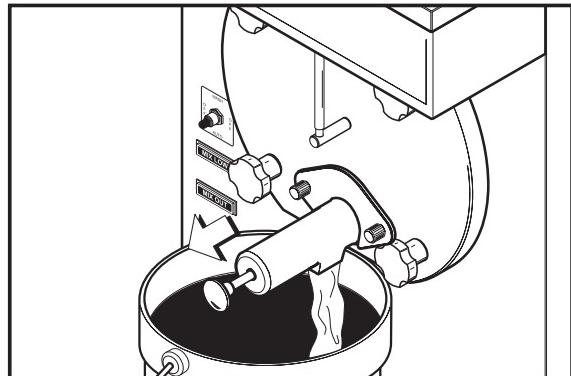


Figure 30

Step 7

Replace the hopper cover.

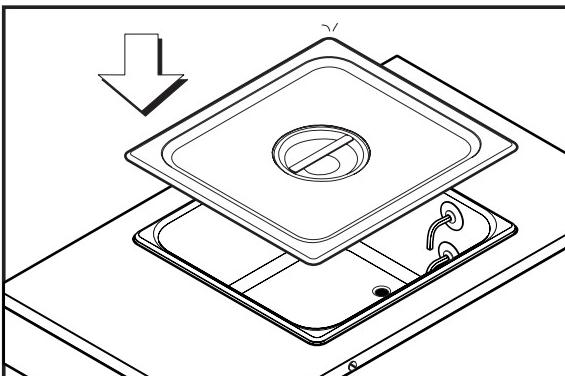


Figure 29

Step 4

Place the control switch in the “AUTO” position. When the unit cycles off, the product will be at serving viscosity. The viscosity (thickness) of the slush can be adjusted by turning the viscosity adjustment screw under the control channel. Turn the viscosity adjustment screw clockwise for a thicker product, or counterclockwise for a thinner product. After making an adjustment, allow the refrigeration system to cycle 2 or 3 times to accurately evaluate the viscosity.

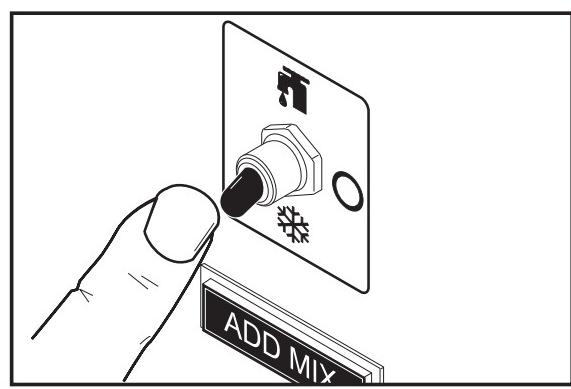


Figure 31

Priming

Step 1

Connect the mix delivery line to a container filled with mix.

Step 2

Remove the prime plug.

Step 3

With a mix pail beneath the door spout, open the draw valve. Place the fill switch in the “ON” position to allow fresh product to flow into the freezing cylinder. This will force out any remaining sanitizing solution. When full

Note: In order for the refrigeration system to operate, the fill switch must be in the “ON” position while the control switch is in the “AUTO” position.

Closing Procedure

To disassemble the units, the following items will be needed:

- Two cleaning pails
- Necessary brushes provided with freezer
- Cleaner
- Single service towels

Draining Product From The Freezing Cylinder

Step 1

Place the fill switch in the "OFF" position. Place the control switch in the "WASH" position as far ahead of cleaning time as possible. This will allow frozen product to soften for easier draining.

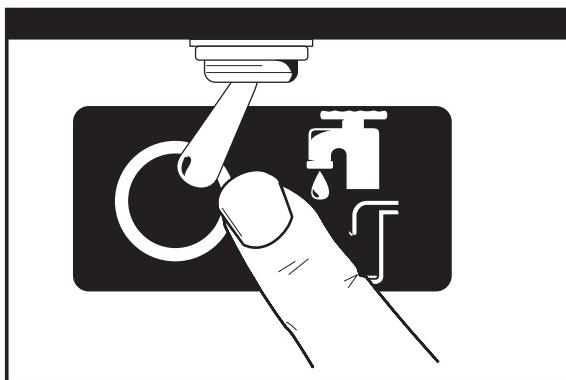


Figure 32

Step 2

With a pail beneath the door spout, open the draw valve. When all of the product has been drained from the mix hopper and freezing cylinder, close the draw valve. Make sure the control switch is in the "OFF" position.

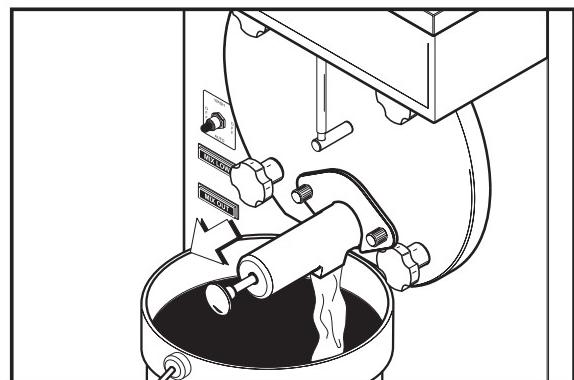


Figure 33

Rinsing

Step 1

Remove the hopper cover.

Step 2

Pour **cool**, clean water into the mix hopper and allow it to flow into the freezing cylinder. With the brushes provided, scrub the mix hopper, mix inlet hole, and mix probes.

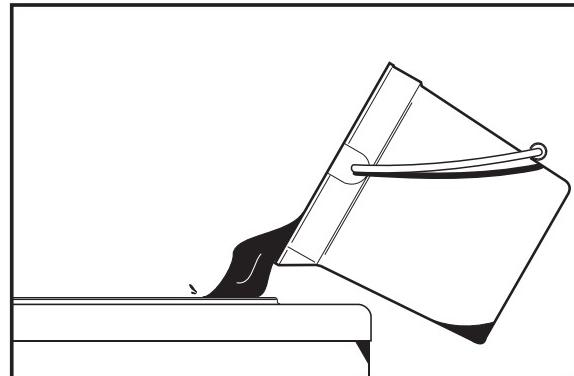


Figure 34

Step 3

Place the control switch in the "WASH" position. With a mix pail beneath the door spout, open the draw valve. Drain all the rinse water from the freezing cylinder. When the rinse water stops flowing from the door spout, close the draw valve and place the control switch in the "OFF" position.

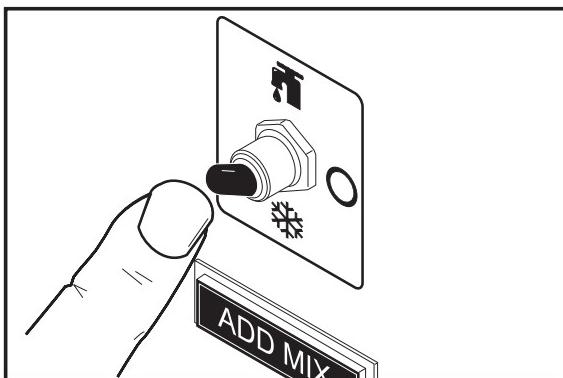


Figure 35

Repeat this procedure until the rinse water being drawn from the freezing cylinder is **clear**.

Step 3

Brush clean the mix hopper, the mix inlet hole, and the mix level sensing probes.

Step 4

Place the control switch in the "WASH" position. This will cause the cleaning solution in the freezing cylinder to be agitated. Allow the solution to agitate for five minutes.

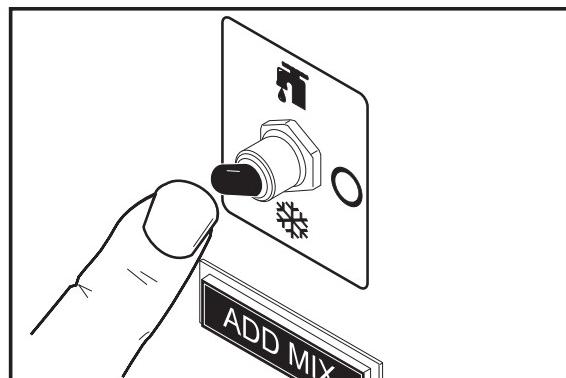


Figure 37

Cleaning

Step 1

Prepare two gallons (7.6 liters) of an approved cleaning solution (Example: Kay-5™). USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS.

Step 2

Pour the cleaning solution into the hopper and allow it to flow into the freezing cylinder.

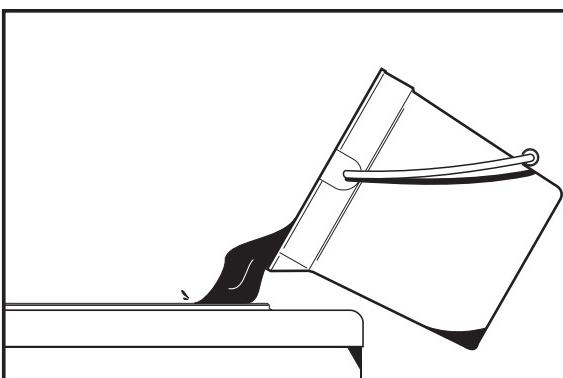


Figure 36

Step 5

Place the control switch in the "OFF" position. Place an empty mix pail beneath the door spout. Open the draw valve and draw off all of the cleaning solution. When the solution stops flowing from the door spout, close the draw valve.

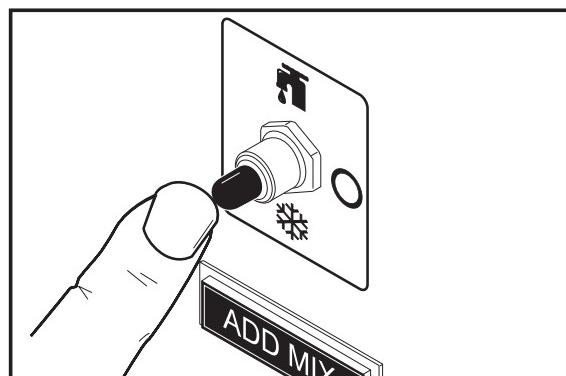


Figure 38

Disassembly



BE SURE THE CONTROL SWITCH IS IN THE "OFF" POSITION.

Step 1

Remove the torque arm, handscrews, freezer door, beater assembly, scraper blades, torque rotor, and the drive shaft, and take these parts to the sink for cleaning.

Step 2

Remove the front drip tray and splash shield and take them to the sink for cleaning.

Brush Cleaning

Step 1

Prepare a sink with an approved cleaning solution. USE WARM WATER AND FOLLOW THE MANUFACTURER'S SPECIFICATIONS. Make sure all brushes provided with the freezer are available for brush cleaning.

Step 2

Remove the:

- seals from the drive shaft.
- o-ring and front bearing from the freezer door.
- door spout from the freezer door.
- draw valve and spring from the door spout.
- o-ring from the draw valve.
- o-ring and guide bearing from the torque rotor.
- prime plug and prime plug o-ring.

Note: To remove o-rings, use a single service towel to grasp the o-ring. Apply pressure in an upward direction until the o-ring pops out of its groove. With the other hand, push the top of the o-ring forward and it will roll out of the groove and can be removed easily .

Step 3

Thoroughly brush clean all disassembled parts in the cleaning solution making sure all lubricant and mix film is removed. Place all the cleaned parts on a clean dry surface to air dry.

Step 4

Return to the freezer with a small amount of cleaning solution. Brush clean the rear shell bearing with the black bristle brush.

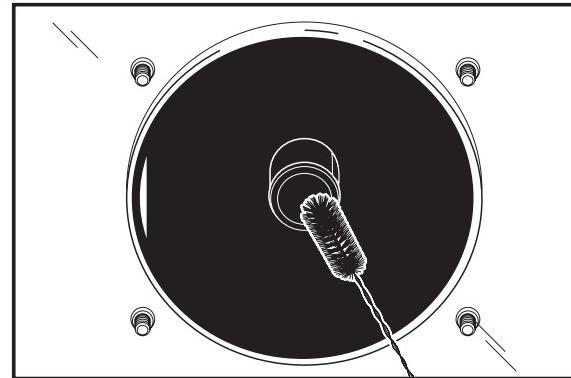


Figure 39

Step 5

Wipe clean all exterior surfaces of the freezer.

Section 7

Important: Operator Checklist

During Cleaning and Sanitizing



Cleaning and sanitizing schedules are governed by your State or local regulatory agencies and must be followed accordingly. The following check points should be stressed during the cleaning and sanitizing operations.

WE RECOMMEND DAILY CLEANING AND SANITIZING.

Troubleshooting Bacterial Count

- 1. Thoroughly clean and sanitize the machine regularly, including complete disassembly and brush cleaning.
- 2. Use all brushes supplied for thorough cleaning. The brushes are specially designed to reach all product passageways.
- 3. Use the white bristle brush to clean the mix inlet hole which extends from the mix hopper down to the rear of the freezing cylinder.
- 4. Use the black bristle brush to thoroughly clean the rear shell bearing located at the rear of the freezing cylinder. Be sure to have a generous amount of cleaning solution on the brush.
- 5. Using a screwdriver and cloth towel, keep the female hex drive socket and rear shell bearing clean and free of lubricant and product deposits.
- 6. Properly prepare the cleaning and sanitizing solutions. Read and follow label directions carefully. Too strong of a solution may damage the parts and too weak of a solution will not do an adequate job of cleaning or sanitizing.
- 7. Clean and sanitize the product lines regularly to prevent syrup residue build-up that would restrict the proper flow of syrup.
- 8. On a regular basis, take a brix reading to assure a consistent, quality product (post mix valve systems only).

Regular Maintenance Checks

- 1. Replace scraper blades that are nicked or damaged.
- 2. Before installing the beater, be certain that the scraper blades are properly attached over the pins.
- 3. Check the rear shell bearing for signs of wear (excessive product leakage from the rear drip pans to the front drip tray).
- 4. Dispose of o-rings and seals if they are worn, torn, or fit too loosely, and replace with new ones.
- 5. Follow all lubricating procedures as outlined in "Assembly".
- 6. If your machine is air cooled, check the condenser(s) for accumulation of dirt and lint. Dirty condensers will reduce the efficiency and capacity of the machine. Condensers should be cleaned **monthly**. Use a soft brush to clean between the fins. **Never** use screwdrivers or other metal probes to clean between the fins.

Winter Storage

If the place of business is to be closed during the winter months, it is important to protect the freezer by following certain precautions, particularly if the building is subject to freezing conditions.

Disconnect the freezer from the main power source to prevent possible electrical damage.

Your local Taylor Distributor can perform this service for you.

Wrap detachable parts of the freezer such as beater, blades, drive shaft, and freezer door, and place in a protected dry place. Rubber trim parts and gaskets can be protected by wrapping them with moisture-proof paper. All parts should be thoroughly cleaned of dried mix or lubrication which attract mice and other vermin.

Section 8

Troubleshooting Guide

PROBLEM	PROBABLE CAUSE	REMEDY	PAGE REF.
1. No product is being dispensed with the draw valve open.	a. Product freeze-up due to improper product mixing. b. The torque arm is not installed. c. Bent or improperly installed torque rotor.	a. Follow directions for mixing product carefully. b. Install the torque arm. c. Replace the bent rotor or follow proper assembly procedures.	-- 15 13
2. The product is too thin.	a. Improper mixing of product. b. Missing, incorrectly installed, or worn scraper blades. c. The viscosity adjustment screw needs to be adjusted. d. The torque rotor is bound leaving the torque arm in the cold position. Therefore, the compressor will not run.	a. Follow directions for mixing product carefully. b. Replace or install the blades correctly. c. Adjust the screw accordingly. d. Free the torque rotor.	-- 12 4, 10 --
3. The product is too stiff.	a. The torque rotor bound leaving the torque arm in the warm position. Therefore, the compressor continually runs. b. The torque arm is missing or bent. c. The viscosity adjustment screw needs to be adjusted. d. Improper mixing of product.	a. Free the torque rotor. b. Install or replace the torque arm. c. Adjust the screw accordingly. d. Follow directions for mixing product carefully.	-- 15 4, 10 --

PROBLEM	PROBABLE CAUSE	REMEDY	PAGE REF.
4. The freezing cylinder walls are scored.	a. Broken beater pins. b. The gear unit is out of alignment. c. The beater assembly is bent. d. The door bearing is missing.	a. Repair or replace the beater assembly. b. Contact a service technician. c. Repair or replace the beater assembly. d. Install the door bearing.	-- -- -- 15
5. Unable to remove the drive shaft.	a. There is lubrication on the hex end of the drive shaft. b. Rounded corners of the drive shaft, drive coupling or both components.	a. Do not lubricate the hex end of the drive shaft. Contact a service technician for drive shaft removal. b. Replace the drive shaft, drive coupling or both components.	12 --
6. Excessive mix leakage in the rear drip pan.	a. Improper or inadequate lubrication on the drive shaft o-ring or seal. b. Worn or missing o-ring or seal on the drive shaft. c. Worn rear shell bearing.	a. Use the correct lubricant (Taylor Lube) and follow proper lubrication procedures. b. Replace rubber parts every 3 months. c. Contact a service technician for component replacement.	12 12 --
7. No freezer operation with the unit in the "AUTO" position.	a. The unit is unplugged. b. The beater motor has tripped the reset mechanism. c. The fill switch is not in the "ON" position. d. The circuit breaker tripped or the fuse has blown.	a. Plug the power cord in the wall receptacle. b. Place the toggle switch in the "OFF" position. Allow the motor to cool, press the reset button and resume normal operation. Contact a service technician if the problem continues. c. Place the fill switch in the "ON" position. d. Reset the circuit breaker or replace the blown fuse.	-- -- 4 --

PROBLEM	PROBABLE CAUSE	REMEDY	PAGE REF.
8. The unit is not freezing product when placed in the "AUTO" mode.	<p>a. The torque rotor is bound, leaving the torque arm in the cold position. Therefore the compressor will not run.</p> <p>b. The torque arm is bent.</p> <p>c. The condensers are dirty.</p> <p>d. The fill system switch is not in the "ON" position.</p> <p>e. There is a mix out condition.</p> <p>f. The circuit breaker has tripped or the fuse has blown on the condensing unit.</p>	<p>a. Free the torque rotor.</p> <p>b. Replace the torque arm.</p> <p>c. Clean the condensers monthly.</p> <p>d. Turn the fill switch to the "ON" position.</p> <p>e. Refill the mix system.</p> <p>f. Reset the circuit breaker or replace the blown fuse.</p>	-- -- 21 4 10 --
9. The guide bearing is missing.	a. The guide bearing is stuck in the drive shaft.	a. Remove the guide bearing from the hole in the drive shaft.	--
10. There is excessive leakage from the draw spout.	<p>a. There is improper or inadequate lubrication on the draw valve o-rings.</p> <p>b. Worn or missing draw valve o-ring.</p>	<p>a. Use the correct lubricant (Taylor Lube) and follow proper lubrication procedures.</p> <p>b. Replace rubber parts every 3 months.</p>	13 12
11. The door is not easily installed.	a. Position of the beater assembly.	a. Position the beater assembly so that the blades are in the 12:00 o'clock and 6:00 o'clock positions.	12

Section 9

Parts Replacement Schedule

PART DESCRIPTION	EVERY 3 MONTHS	EVERY 6 MONTHS	ANNUALLY
Scraper Blade		Inspect & Replace if Necessary	Minimum
Drive Shaft Seal	X		
Freezer Door O-Ring	X		
Door Port O-Ring	X		
Front Bearing	X		
Door Spout O-Ring	X		
Drive Shaft O-Ring	X		
Torque Arm O-Ring	X		
Brushes		Inspect & Replace if Necessary	Minimum

Section 10

Parts List

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
ARM-TORQUE	014500	1	103		
BEARING-FRONT-TORQUE*382-384*	052005	1	000		
BEARING-GUIDE	014496	1	000		
BEARING-UNIT REAR	025629	1	103		
BEATER A.-TORQUE *382-384*	X51105	1	103		
+BLADE-SCRAPER *382*	051088	2	000		
+CLIP-SCRAPER BLADE*11-21/32"	051978	2	000		
BELT-POLY V-510J10	047049	1	000		
BRUSH-DOUBLE ENDED-PUMP&FEED TUBE	013072	1	000		
BRUSH-DRAW VALVE 1"ODX2"X17" L	013073	1	000		
BRUSH-MIX PUMP BODY-3"X7"WHITE	023316	1	000		
BRUSH-REAR BRG 1IN.DX2IN.LGX14	013071	1	000		
CAP-DUST-BULKHEAD COUPLING	048427	2	000		
COUPLING-BULKHEAD-3/8OD-COPPER	048425	1	103	QD SOCKET -MALE (ON DISPENSER)	
COUPLING-BULKHEAD-5/8OD COPPER	048423	1	103	QD SOCKET -MALE (ON DISPENSER)	
COUPLING-TUBING-3/8 OD COPPER	048424	1	103	QD SOCKET -FEMALE (ON REFRIGERANT LINES)	
COUPLING-TUBING-5/8 OD COPPER	048422	1	103	QD SOCKET -FEMALE (ON REFRIGERANT LINES)	
+FLANGE-MOUNTING	048426	2	103	HOLDS COUPLING IN PLACE	
+GASKET-INSULATOR-COUPLING	049055	2	000	UNDER FLANGE	
COVER-HOPPER-12 QT	045416	1	103		
DEC A.-PLATE *382-384*	X51131	1	103		
DECAL-CLEAN INST.-HOPPER	019029	1	000		
DECAL-DEC-380-FLAVOR SET OF 4	050703	1	000		
DECAL-DEC-TAYLOR 380*RD30	045567	1	000		
DECAL-REFRIGERATION-LIQUID	049205	1	000		
DECAL-REFRIGERATION-SUCTION	049204	1	000		
DECAL-TROUBLESHOOTING	038374	1	000		
DIAGRAM-WIRING *382*C/F*	051061-12	1	000		
DOOR A.-PARTIAL *382*	X51098	1	103		
+O-RING-8-3/8 ODX.105W	027814	1	000	GASKET	
+KNOB-DRAW VALVE-BLACK PLASTIC	047558	1	103		
+PLATE-DRAW SPOUT MOUNTING	049275	1	103		

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+SCREW-1/4-20X9/16 THUMB-300	047632	2	103		
+PLUG-PRIME *380/1*	046333	1	103		
+O-RING-9/32 OD X 1/16 WALL	029751	1	000		
+SPOUT-DOOR ZERO WASTE	049276-BLA	1	103		
+O-RING-2.375 OD X 1/16W	046830	1	000		
+SPRING-COMP-845X.055X3.5-SS	047357	1	103		
+VALVE-DRAW *380/1*ZERO WASTE	047353	1	103		
+O-RING-7/8 OD X .103W	014402	1	000		
DRYER-FILTER 3/8 X 3/8SSOL HP62	049154	1	000		
GASKET-BASE PAN *382-384*	051868	1	000		
INDICATOR-LIQUID-3/8	049170	1	103		
KIT A-TUNE UP *382*	X51255	1	000		
BEARING-FRONT-TORQUE *382-384	052005	1	000		
BEARING-GUIDE	014496	1	000		
O-RING-.291 ID X .080W	019550	1	000	TORQUE ASSEMBLY	
O-RING-2.375 OD X 1/16W	046330	1	000	DOOR SPOUT	
O-RING-7/8 OD X .103W	014402	2	000	DRAW VALVE	
O-RING-8-3/8 ODX.105W	027814	1	000	DOOR GASKET	
O-RING-9/32 OD X 1/16 WALL	029751	1	000	PRIME PLUG	
O-RING-7/8 O.D. X .139W	025307	1	000	DRIVE SHAFT	
SEAL-DRIVE SHAFT	032560	1	000		
LABEL-DOOR CAUTION	032749	1	000		
LABEL-SWITCH-OFF/FILL-INT'L SYM	051971-BLA	1	000		
LABEL-SWITCH-POWER-INT'L SYM	046089-BLA	1	000		
LABEL-WARNING-COVER	051433	6	000		
LENS-LIGHT *382-384*	051129	1	103		
+BRACKET-LIGHT *382-384*	051870	1	103		
LIGHT-AMBER-RECTANGULAR-250VAC	04741-	1	103	*ADD MIX*	
TERMINALS	026662	2	000		
LIGHT-AMBER-RECT-MIX OUT	050036-	1	103	*MIX LOW*	
LUBRICANT-TAYLOR HI PERE -4 OZ	048232	1	000		
MAN-OPER 380/381	047455-M	1	000		
MOTOR-1/2 HP	024839-	1	212		

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
PAN-DRIP *380/1*	046852	1	103		
PANEL A.-FRONT *382*	X51097	1	103		
PANEL A.-REAR*382*	X52115	1	103	INCLUDES 2-021106 NUTSETS	
PANEL-SIDE *382-3*RIGHT	051713	1	103		
+CLIP -SPRING-SIDE PANEL	050877	2	103		
PANEL-SIDE LEFT	052117	1	103		
+CLIP -SPRING-SIDE PANEL	050877	2	103		
PCB A.-DUAL MIX LVL/CONT. FILL	X41420-SER	1	212		
PLATE-FILL-REAR *339/382*	051133	1	103		
PROBE A.-MIX LOW-HOPPER	X51804	1	103		
PROBE A.-MIX OUT-SQUARE HOLE	X41348	1	103		
PULLEY-10J- 1-125PD-5/8BORE	028857	1	103		
PULLEY-10J-11"PD-5/8BORE	025570	1	103		
RELAY-DPDT-20 A-230 V	026581-	4	103		
RESISTOR A.-DELAY TIMER*383-4*	X52008-12	1	103		
SANITIZER KAY-5 125 PACKETS	041082	1	000		
SHAFT-BEATER W/BAFFLE GUIDE	049270	1	103	ADDED GROOVE - 7/15/98	133
+O-RING 7/8 O.D.X.139W	025507	1	000		133
+SEAL-DRIVE SHAFT	032560	1	000		
SHELF-DRIP TRAY*382-384*	052065	1	103		
SHELL A.-INS.*383-384*TORQUE	X51112-SP	1	512		
+STUD-FREEZER DOOR *383-384*	051950	4	103		
SHIELD-SPLASH *380/1*	046851	1	103		
SWITCH A.-TORQUE*382*	X51100	1	103		
ARM-SWITCH-TORQUE *382*	051101	1	103		
BRACKET-TORQUE CONTROL *382*	051086	1	103		
BUSHING A.-TORQUE	X50399	1	103		
BUSHING-ARM-TORQUE	04937	1	103		
BUSHING-PIVOT-TORQUE ARM	049739	1	103		
SPRING-TORQUE*BLACK*	015007	1	103		
SWITCH-LEVER-SPDT-20A-125-48	027026	1	103		
SWITCH-PUSHBUTTON-SPST	016830	1	103		
SWITCH-TOGGLE-DPST	075772	1	103		

+ Available Separately

DESCRIPTION	PART NUMBER	QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+BOOT-TOGGLE SWITCH	043398	1	000		
SWITCH-TOGGLE-DPDT*ON-OFF-ON	014464	1	103		
TIMER A.-DELAY ON MAKE-2 MIN.	X49541-12	1	103		
TORQUE A.*382*	X51081	1	103		
O-RING-TORQUE	018550	1	000		
TRAY A.-DRIP *380*	X46348	1	103		
TUBE A.-FILL *340*CONT. FILL	X43081	1	103	FRONT PANEL DRAIN	
+WASHER-FILL TUBE .531"IDX7/8OD	043135	1	103		
TUBE-CAPILLARY .021ID X 9 FT	020059	1	103		
VALVE A.-SOLENOID *382*	X51398-12	1	103	FILL SOLENOID ASSY	
ADAPTOR-1/4MPPT X 1/4BARB-NYL	021630	1	103		
CLAMP-HOSE-ADJ 7/16 X 25/32	010031	1	000		
ELBOW-1/4MP X 3/8BARB-PLASTI	016487	1	000		
HOSE-BEVERAGE-3/8 ID X 5/8 O	020565-30	1	000		
VALVE-SOLENOID SYRUP	051396-12	1	103		
VALVE-ACCESS 1/4FL X 1/4SOLD	044404	2	103		
VALVE-EPR 1/4S	022665	1	103		
VALVE-EXP-THERMO	051287	1	103		
VALVE-SOLENOID 1/8PORT-3/8ODF	051127-12	1	103	FILL SOLENOID	
VALVE-SOLENOID-REFRIGERATION	048852-12	1	103	SUCTION LINE	
VARISTOR A.-130VAC	X49300	1	103		

+ Available Separately

RC25 Condensing Unit

DESCRIPTION	PART NUMBER	RC25 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
BOOT-ROTOLOCK VALVE	037116	1	000	J7032493/PRIOR (TECUMSEH)	
BLOCK-TERMINAL 2P-L1,L2	039422	1	103	J7032493/UP (BRISTOL)	
CAP-DUST-BULKHEAD COUPLING	048427	2	000		
COMPRESSOR	049512-27	1	512	J7032493/PRIOR (TECUMSEH)	
+CAPACITOR-RUN	048132	1	103		
+CAPACITOR-START	036048	1	103		
+RELAY-START-COMPRESSOR	036047	1	103		
COMPRESSOR L63A113BBCA	048259-27	1	512	J7032493/UP (BRISTOL)	
+CAPACITOR-RUN	012906	1	103		
+CAPACITOR-START	031790	1	103		
+RELAY-START-COMPRESSOR	038145	1	103		
CONDENSER	049516	1	103	J7032493/PRIOR (TECUMSEH)	
CONDENSER	048629	1	103	J7032493/UP (BRISTOL)	
CONTROL-DUAL PRESSURE	049514	1	103	J7032493/PRIOR (TECUMSEH)	
CONTROL-DUAL PRESSURE	050358	1	103	J7032493/UP (BRISTOL)	
COUPLING-BULKHEAD-3/8OD-COPPER	048425	1	103	QD SOCKET-MALE (ON CONDENSER)	
COUPLING-BULKHEAD-5/8OD COPPER	048423	1	103	QD SOCKET-MALE (ON CONDENSER)	
COUPLING-TUBING-3/8 OD COPPER	048424	1	103	QD SOCKET-FEMALE (ON REFRIGERANT LINES)	
COUPLING-TUBING-5/8 OD COPPER	048422	1	103	QD SOCKET-FEMALE (ON REFRIGERANT LINES)	
DECAL-REFRIGERATION-LIQUID	049205	1	000		
DECAL-REFRIGERATION-SUCTION	049204	1	000		
FLANGE-MOUNTING	048426	2	103	HOLDS QD'S IN PLACE	
GASKET-INSULATOR-CO尤PLING	049055	2	000	UNDER FLANGE	
HEATER CRANKCASE	049518	1	103	BRISTOL	
INDICATOR-LIQUID-3/8 S	049170	1	103		
LEG A.-4"-3/8"-16 STUD-W/CAP	X43408	4	103		
+LEG-4"-3/8-16 STUD	036397	4	103		
+CAP-RUBBER	037268	4	000		
MOTOR-FAN	049513-27	1	103	J7032493/PRIOR (TECUMSEH)	
+BLADE-FAN	049515	1	103		
MOTOR-FAN	050265-27	1	103	J7032493/UP (BRISTOL)	

+ Available Separately

DESCRIPTION	PART NUMBER	RC25 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+BLADE-FAN	031532	1	103		
PANEL-BACK & SIDE *RC25*	049164	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-BACK & SIDE *RC25*	050162	1	103	J7032493/UP (BRISTOL)	
PANEL-CORNER	050160	1	103	J7032493/UP (BRISTOL)	
PANEL-FRONT-TOP	050161	1	103	J7032493/UP (BRISTOL)	
PANEL-SERVICE-SIDE	050159	1	103	J7032493/UP (BRISTOL)	
PANEL-SIDE *RC25*	049165	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-TOP *RC25*	049166	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-TOP *RC25*	050158	1	103	J7032493/UP (BRISTOL)	
RECEIVER-REFRIGERANT 10#	050182	1	103	J7032493/UP (BRISTOL)	
TEE-ACCESS 1/2" W/5344 CORE	026688	1	103	J7032493/UP (BRISTOL)	
TEE-ACCESS 3/8	026687	1	103		
TEE-ACCESS 5/8	026689	1	103		
VALVE-ACCESS 1/4FL X 3/8SDR-	044455	1	103	J7032493/UP (BRISTOL)	
VALVE-REGULATOR CPR 5/8S	025780	1	103	J7032493/UP (BRISTOL)	
50 Hz					
BLOCK-TERMINAL 2P-L1,N	039421	1	B	J7032493/UP (BRISTOL)	
COMPRESSOR	048259-40	1	512	TECUMSEH & BRISTOL	
+CAPACITOR-RUN	023739	1	103		
+CAPACITOR-START	031790	1	103		
+RELAY-START-COMPRESSOR	038146	1	103		
CONDENSER	048629	1	103	J7032493/PRIOR (TECUMSEH)	
CONTROL-DUAL PRESSURE	050358	1	103	J7032493/PRIOR (TECUMSEH)	
MOTOR-FAN	050265-40	1	103	TECUMSEH & BRISTOL	
+BLADE-FAN	031532	1	103		
PANEL-BACK & SIDE *RC25*	050162	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-CORNER	050160	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-FRONT-TOP	050161	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-SERVICE-SIDE	050159	1	103	J7032493/PRIOR (TECUMSEH)	
PANEL-TOP *RC25*	050158	1	103	J7032493/PRIOR (TECUMSEH)	

+ Available Separately

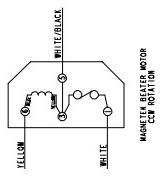
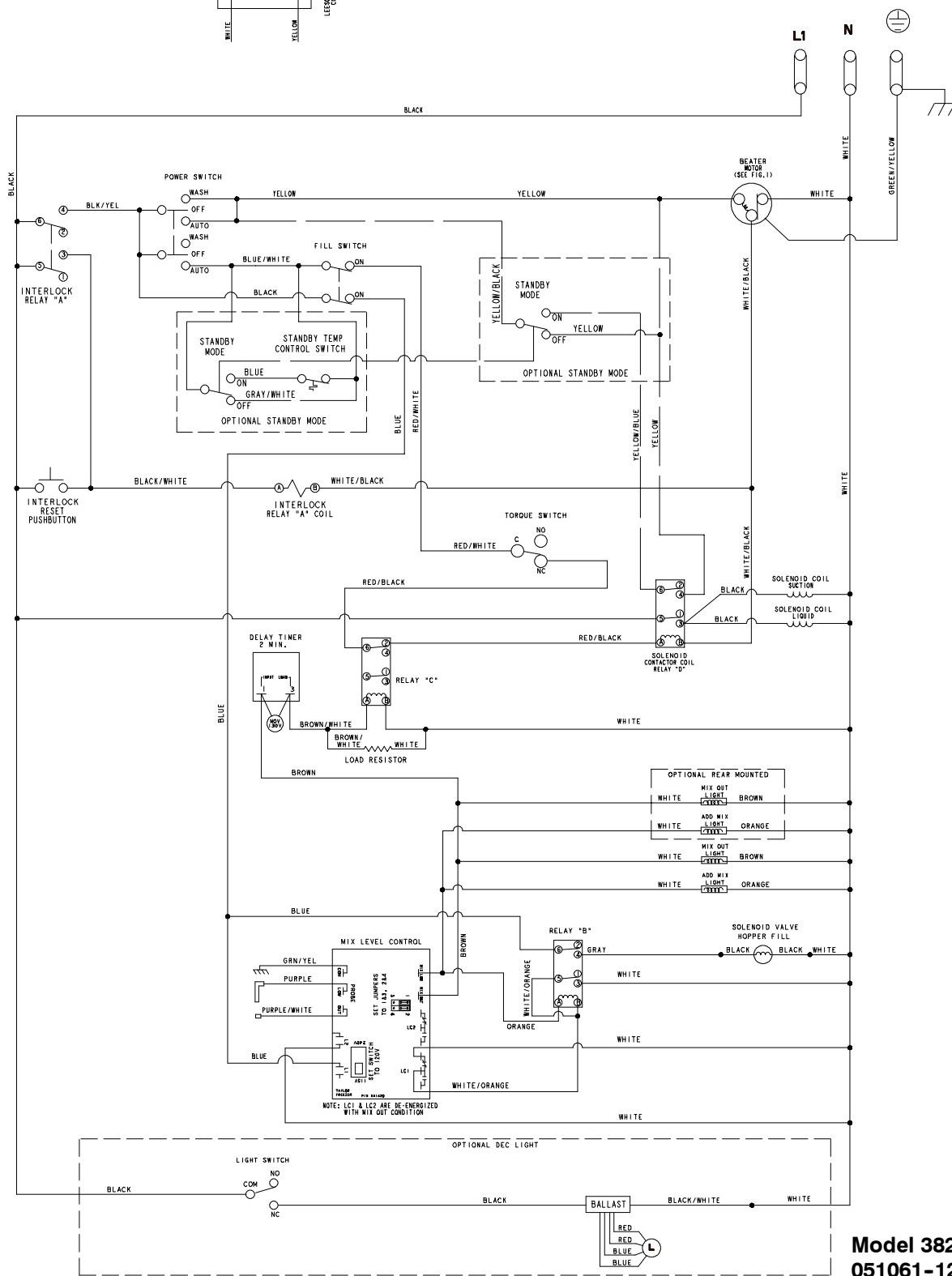
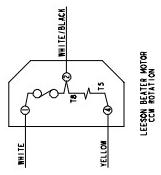


FIG. 1



**Model 382
051061-12**

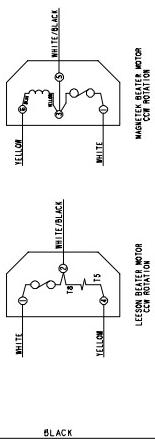
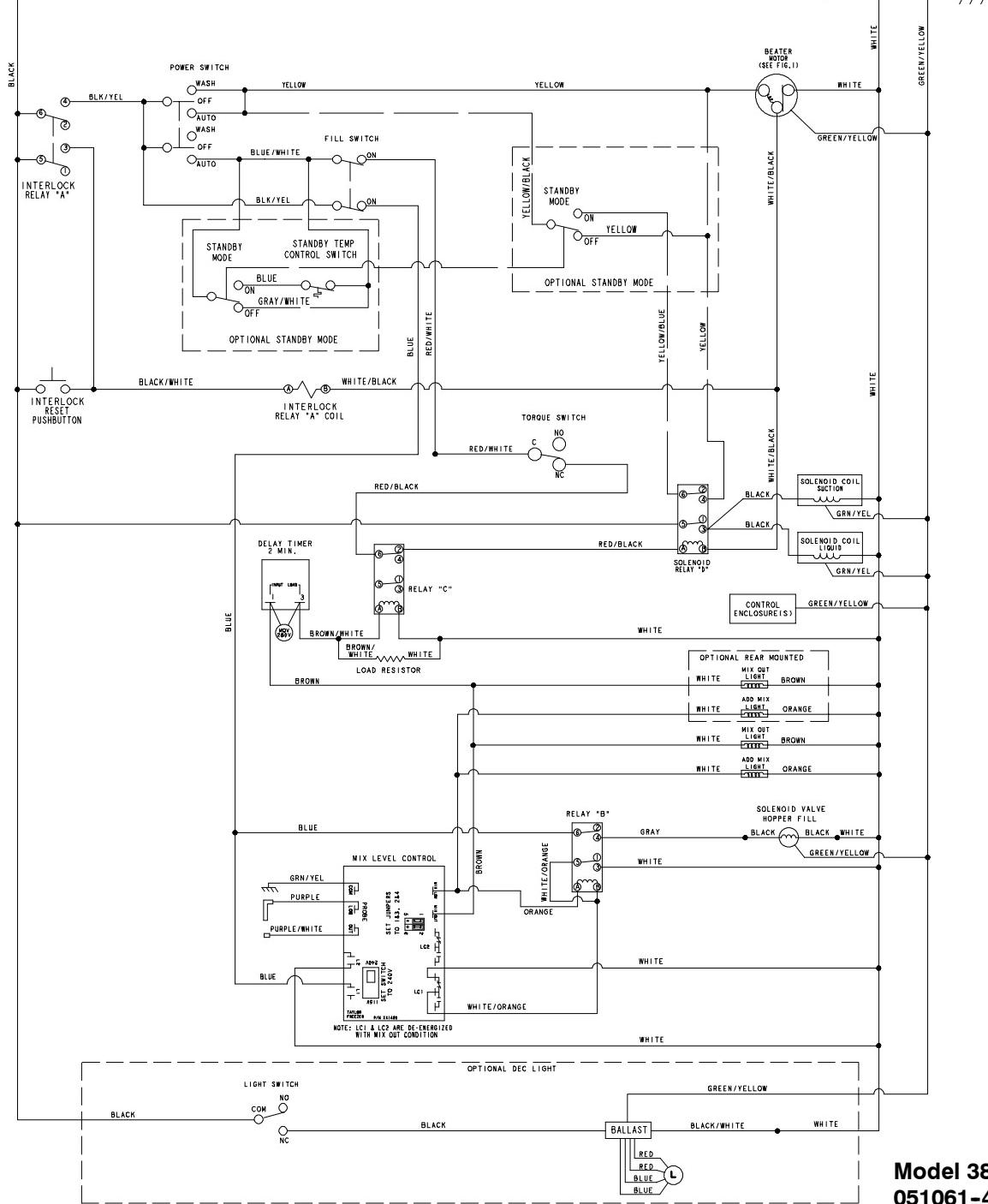


FIG. 1



**Model 382
051061-40**